

**TORO®**

# REELMASTER® FRAMES

Transport Frame  
Universal Frame

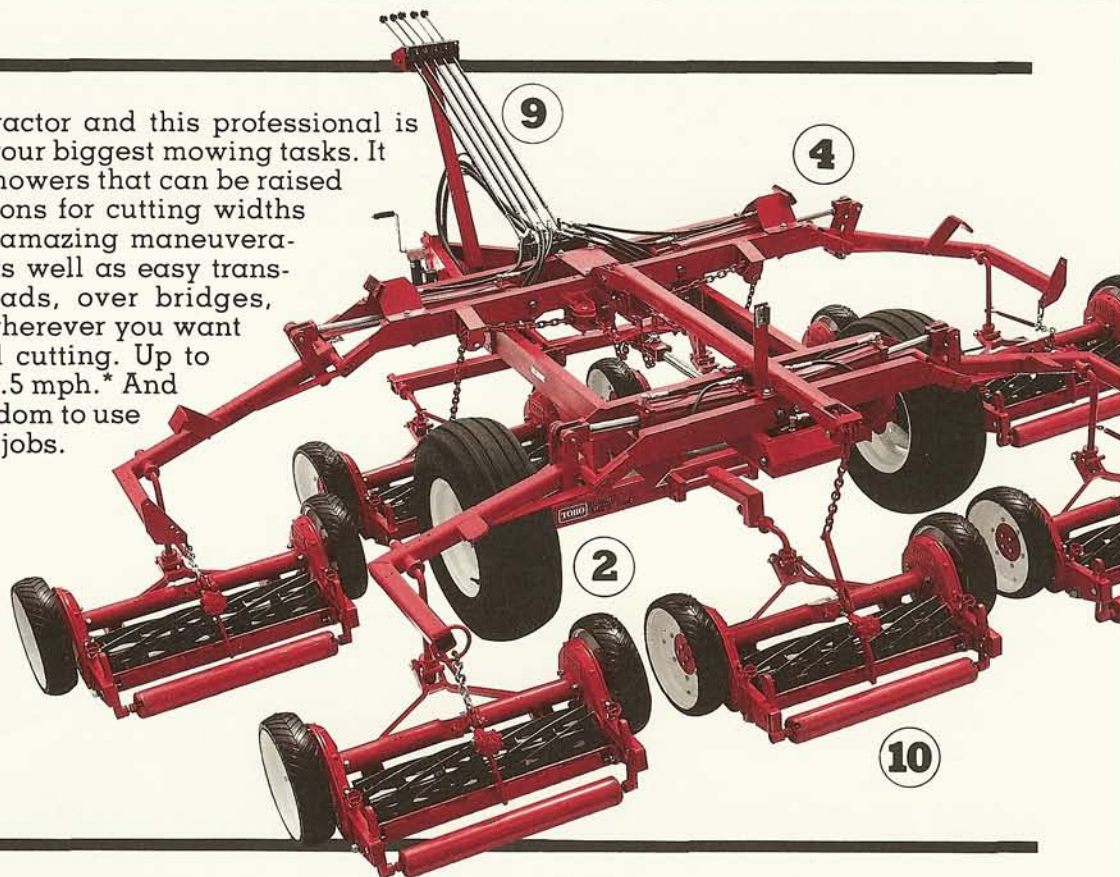


**Our Transport Frame has maneuverability  
in tight spots, easy transportability  
over bridges, through gateways, wherever  
you want high capacity formal cutting.**



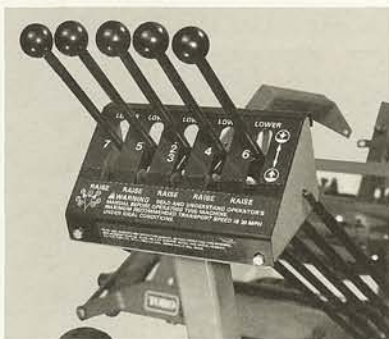
# THE REELMASTER® TRANS FEATURING HYDRAULIC MANEUVERABILITY COMBINED

**J**ust hitch it to a tractor and this professional is ready to take on your biggest mowing tasks. It has a gang of 7 reel mowers that can be raised in various combinations for cutting widths of 6'9" to 14'4". Plus, amazing maneuverability in tight spots as well as easy transportability down roads, over bridges, through gateways, wherever you want high capacity formal cutting. Up to 9.4 acres an hour at 5.5 mph.\* And it allows you the freedom to use your tractor for other jobs.



## WE ENGINEERED IT TO KEEP YOU CUTTING. WITH AN EXCELLENT QUALITY OF CUT.

### **1 WE STARTED WITH 7 MOWERS THAT LIFT ON COMMAND.**



The operator simply pulls the hydraulic levers to lift mowers 1, 2 and 3 as a unit, or mowers, 4, 5, 6 and 7 separately.

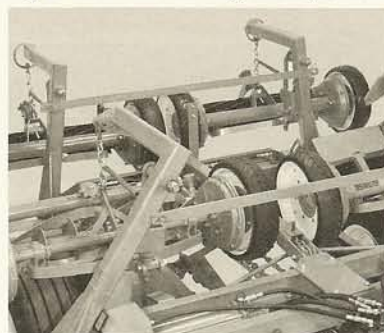
### **2 WE PUT ON HIGH FLOTATION TIRES,** to reduce marking of turf, create more stability on hillsides.

### **3 WE MINIMIZED "STREAKING" OF TURF** with a frame design that allows sufficient overlapping of the mowers during turns.

### **4 WE "FLOATED" THE FRAME ARMS** to allow mowers to hug the ground, avoid mismatching.

### **5 WE TRANSFERRED A PORTION OF ITS WEIGHT** to the tractor in the mowing mode, to increase traction and minimize compaction.

### **6 WE ADDED LOCKUP DEVICES** to prevent lowering of mowers during transport.

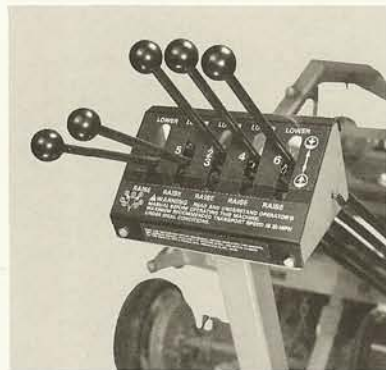




# PORT FRAME FROM TORO: LIFT ARMS FOR AMAZING WITH EASY TRANSPORTABILITY.

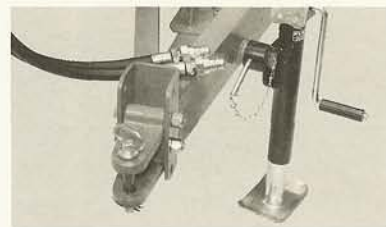
## 7 WE PUT DETENTS ON THE CONTROL LEVERS

so that once the operator engages the control lever to raise or lower the mowers, he can remove his hand. The lever stays in position till the desired movement is completed and then returns to neutral.



## 8 WE MADE HITCHING A SNAP.

With a screw type jack to lift and hold the tongue, plus quick connect hydraulic couplers.



**9 WE BUILT IN ADAPTABILITY** to many tractors. With an adjustable control tower for easy to reach lift controls and hitch height adjustable to most turf tractors ranging upwards of 30 PTO HP and 3,000 lbs.

## 10 WE GAVE YOU A CHOICE OF MOWERS.

The best. Our full line of Reelmaster gang mowers.

**11 WE INCORPORATED TORO QUALITY THROUGHOUT.** Proven design and components to keep you cutting day in, day out.

## AND FOR HIGH ACREAGE CUTTING WITH LOW TRANSPORT REQUIREMENTS, NOTHING BEATS OUR REELMASTER UNIVERSAL FRAME.

This rugged professional, which utilizes our full line of Reelmaster gang mowers, offers you four cutting widths:



**3 Gang: 7' Wide**  
4.7 acres an hour\*



**5 Gang: 11' Wide**  
7.2 acres an hour\*



**7 Gang: 16' Wide**  
10.5 acres an hour\*

The heart of our Reelmaster Universal Frame is a durable 3 gang unit with a 7' width of cut. You can easily and inexpensively expand this to a 5 or 7 gang configuration.

And you get all these features:

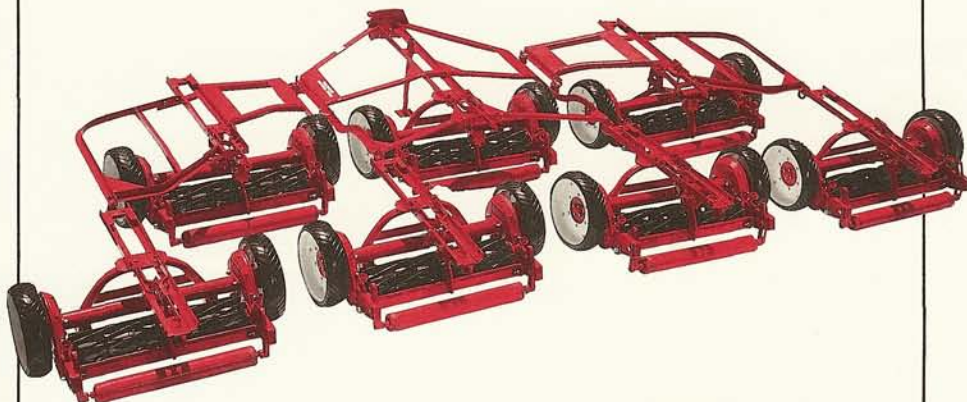
**a. A FRAME BUILT TO LAST.** It's constructed of reinforced, welded angle iron and heavy gauge steel tubing.

**b. A FRAME THAT FLOATS.** To allow the mower to hug ground contours.

**c. LOW DRAWBAR POINTS** on the mowers. For positive traction.

**d. REEL DISENGAGEMENT KNOBS AND LIFT LEVER.** To raise rollers during transport.

**e. ADJUSTABLE HITCH HEIGHT.** For various tractor drawbar heights.



\* Assumes no reduction in total area mowed due to overlaps, turns, stops, etc., with a ground speed of 5.5 mph.

## PLUS, A WORLD OF SERVICE. FROM YOUR FULL SERVICE TORO DISTRIBUTOR.

Wherever you are, you can turn to your full service Toro distributor for reliable maintenance and repairs. He has highly trained people ready to serve you fast. A complete inventory of replacement parts. Plus other valuable services, like technical training for your operators. Whatever your needs, call your full service Toro distributor.



# Specifications\*

## REELMASTER® TRANSPORT FRAME — 7 UNIT (MODEL 33457)

TRANSPORT WIDTH	7'11" (241.3 cm) with Reelmaster cutting units.																
CUTTING WIDTH	14'4" (437 cm) with Reelmaster cutting units.																
CUTTING CAPACITY	9.4 acres (3.8 hectares) per hour @ 5.5 mph (8.8 km/h). (Assumes no reduction in total area mowed due to overlap, turning, stops, etc.)																
LIFTING MECHANISM	Hydraulic lift — 1st, 2nd and 3rd cutting units operate together. Cutting units 4 through 7 operate individually. Units can be raised or lowered in any sequence.																
MAIN FRAME CONSTRUCTION	Tubular and structural steel; bolted and electrically welded construction.																
WING LIFT ARMS	Tubular steel, reinforced welded construction.																
AXLE ASSEMBLY	Implement type. Maximum load capacity is 4940 lbs. (2241 kg) at maximum tire inflation of 28 psi (1.9 bars).																
TRAILER TRANSPORT WHEELS	Two 6 bolt, 15 x 8 lb implement style wheels with 11 L-15, 6 ply rating implement rib tires; 24-28 psi (1.6-1.9 bars) recommended tire pressure.																
TRAILER TONGUE	Tubular and structural steel; welded construction. Trailer clevis is adjustable to 3 positions.																
CONTROL TOWER	Adjustable to 12½" (31.7 cm) horizontally and 7" (17.8 cm) up and down; controls are operable from tractor seat.																
JACK	Side-screw type trailer jack. 10" (25.4 cm) stroke. Stores inside trailer tongue when not in use. Load capacity 2200 lbs. (998 kg).																
HYDRAULIC SYSTEM CAPACITY	2 gallons (7.6 liters) hydraulic oil with cylinders retracted.																
HYDRAULIC SYSTEM COUPLERS	Quick-disconnect couplers for easy hook-up to tractor.																
HYDRAULIC VALVE	Open center, directional control valve, parallel circuit, stack design. Cast iron valve bodies, with hardened spools and plated for corrosion protection. Primary relief valve (approx 1500 psi) (103.4 bars), shim adjustable. Relief valve prevents excess pressure build-up in the hydraulic system and safeguards the hydraulic pump and hoses.																
HYDRAULIC CYLINDERS	Tie rod construction, 3" (7.6 cm) bore, double-acting cylinders; chrome-plated rods 1½" (34.9 mm) diameter for units 1, 2, 3, and 1½" (28.6 mm) diameter for units 4, 5, 6, 7; all with precision finished bore in cylinder tubes.																
HYDRAULIC HOSES	SAE 100R7, two braid, ½" (12.7 mm) I.D. feed line hoses from tractor to valve body. SAE 100R7, two braid, ⅝" (7.9 mm) I.D. cylinder hoses with swaged fittings from valve body to hydraulic cylinders.																
CUTTING UNITS	Reelmaster 5, 7, or 11 blade mowers.																
FRAME DIMENSIONS	Approximate shipping weight is 1800 lbs. (816.4 kg) (transport frame without mowers).																
	<table><tr><th>Transport Frame With:</th><th>Tread Width</th><th>Length</th><th>Width Transport</th><th>Mowing</th><th>Height</th><th>Transport Weight</th><th>Clearance</th></tr><tr><td>Reelmaster Mower</td><td>68" (173 cm)</td><td>150" (381 cm)</td><td>7'11" (241 cm)</td><td>14'4" (437 cm)</td><td>58" (147 cm)</td><td>3560 lbs. (1615 kg)</td><td>7½" (19 cm)</td></tr></table>	Transport Frame With:	Tread Width	Length	Width Transport	Mowing	Height	Transport Weight	Clearance	Reelmaster Mower	68" (173 cm)	150" (381 cm)	7'11" (241 cm)	14'4" (437 cm)	58" (147 cm)	3560 lbs. (1615 kg)	7½" (19 cm)
Transport Frame With:	Tread Width	Length	Width Transport	Mowing	Height	Transport Weight	Clearance										
Reelmaster Mower	68" (173 cm)	150" (381 cm)	7'11" (241 cm)	14'4" (437 cm)	58" (147 cm)	3560 lbs. (1615 kg)	7½" (19 cm)										
OPTIONS	<p><b>Electric Power Lift Pack Kit</b>, Part No. 52-3800. This kit provides a power source to operate the Reelmaster Transport Frame when the tow vehicle does not have a hydraulic system.</p> <p><b>Conversion Kit, 18" Cutting Unit Wheels</b>, Part No. 51-3060. Using 18" semi-pneumatic cutting unit wheels. Kit is needed for 6 &amp; 7 position cutting units.</p> <p><b>Hitch Ball Coupler Kit</b>, Part No. 53-9760. Coupler bolts directly to frame and replaces the standard clevis type hitch.</p>																

## REELMASTER® UNIVERSAL FRAME

FRAME UNITS	CUTTING WIDTH	CUTTING CAPACITY	OVERALL WIDTH IN CUTTING POSITION	MAIN FRAME CONSTRUCTION	CUTTING UNITS	OVERALL LENGTH IN CUTTING POSITION	Mowers w/ Steel Wheels		Mowers w/ Rubber Wheels	
							3 Unit	5 Unit	7 Unit	7 Unit
3 Unit — Model 33145	3 Unit — approximately 7' (213 cm)	4.7 (1.9 hectares)	3 Unit	Reinforced iron and steel tube welded construction.	See Reelmaster Gang Mower specification sheet for more detailed information.	3 Unit } 10' (305 cm)	7'10" (239 cm)	12'4" (376 cm)	16'10" (513 cm)	8'2" (249 cm)
5 Unit — Requires Model 33145 & 33155	5 Unit — approximately 11' (335 cm)	7.2 (2.9 hectares)	5 Unit			5 Unit }				12'8" (386 cm)
7 Unit — Requires Model 33145 & 33155 & 33165	7 Unit — approximately 16' (488 cm)	10.5 (4.2 hectares)	7 Unit			7 Unit }				17'2" (523 cm)
		Unit	Acres/hr at 5.5 mph** (8.8 km/h)							

\*Specifications and designs subject to change without notice. "Toro" and "Reelmaster" are registered trademarks of The Toro Company, 8111 Lyndale Avenue South, Minneapolis, Minnesota 55420.

\*\*Assumes no reduction in total area mowed due to overlaps, turns, stops, etc., with a ground speed of 5.5 mph (8.8 km/h).

## COMMERCIAL PRODUCTS



**THE PROFESSIONALS  
THAT KEEP YOU CUTTING.**